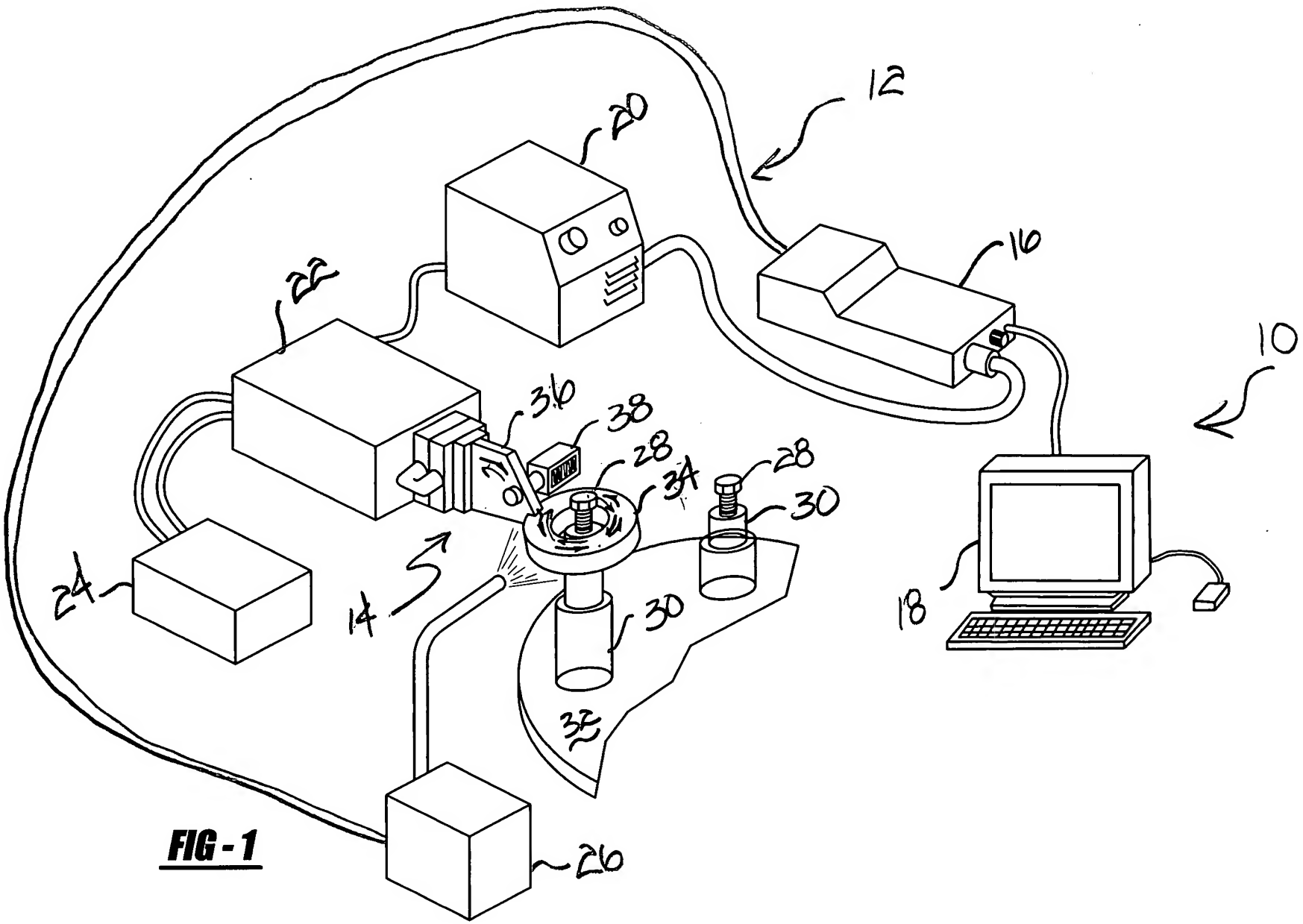

FIG - 1

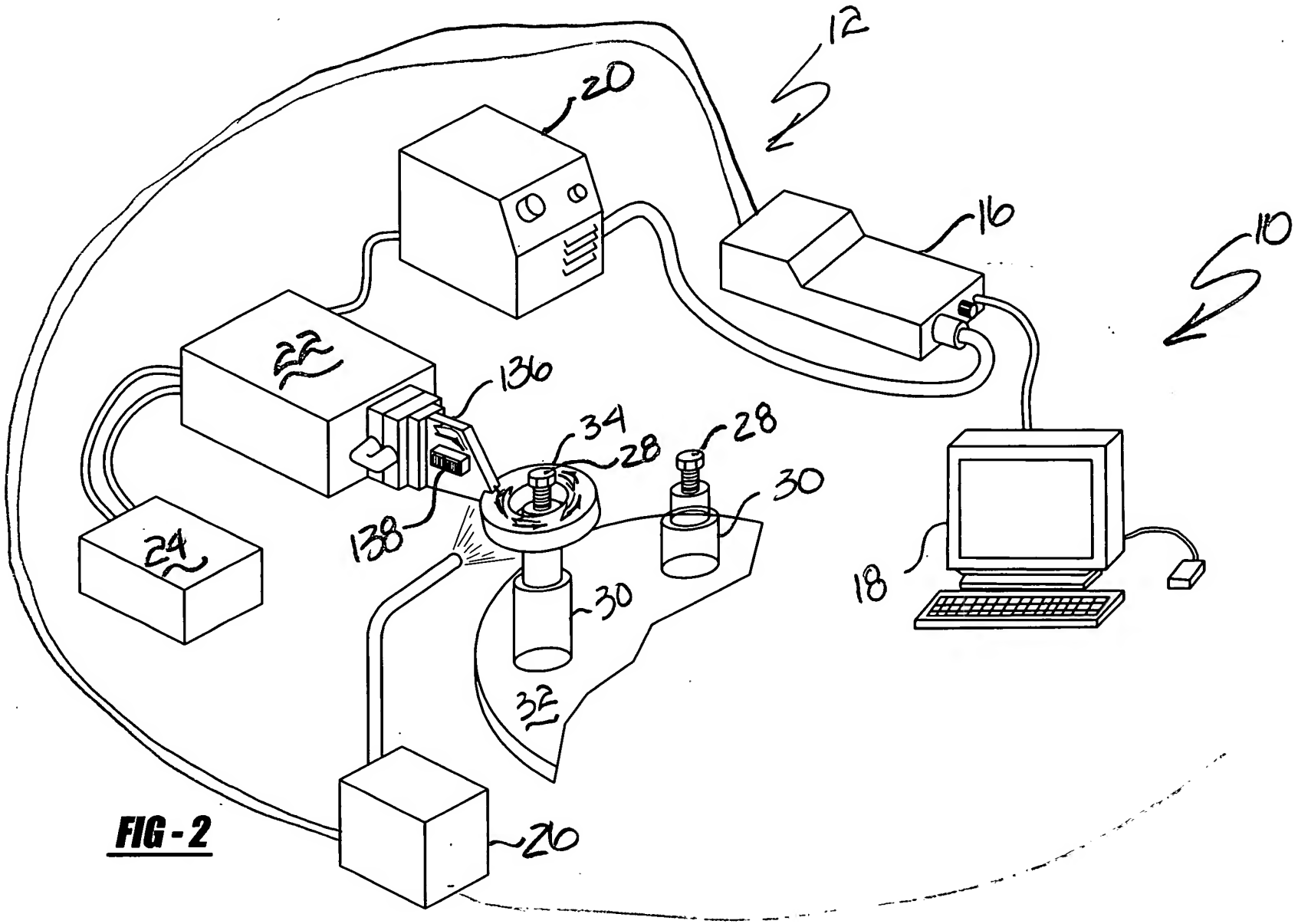

FIG - 2

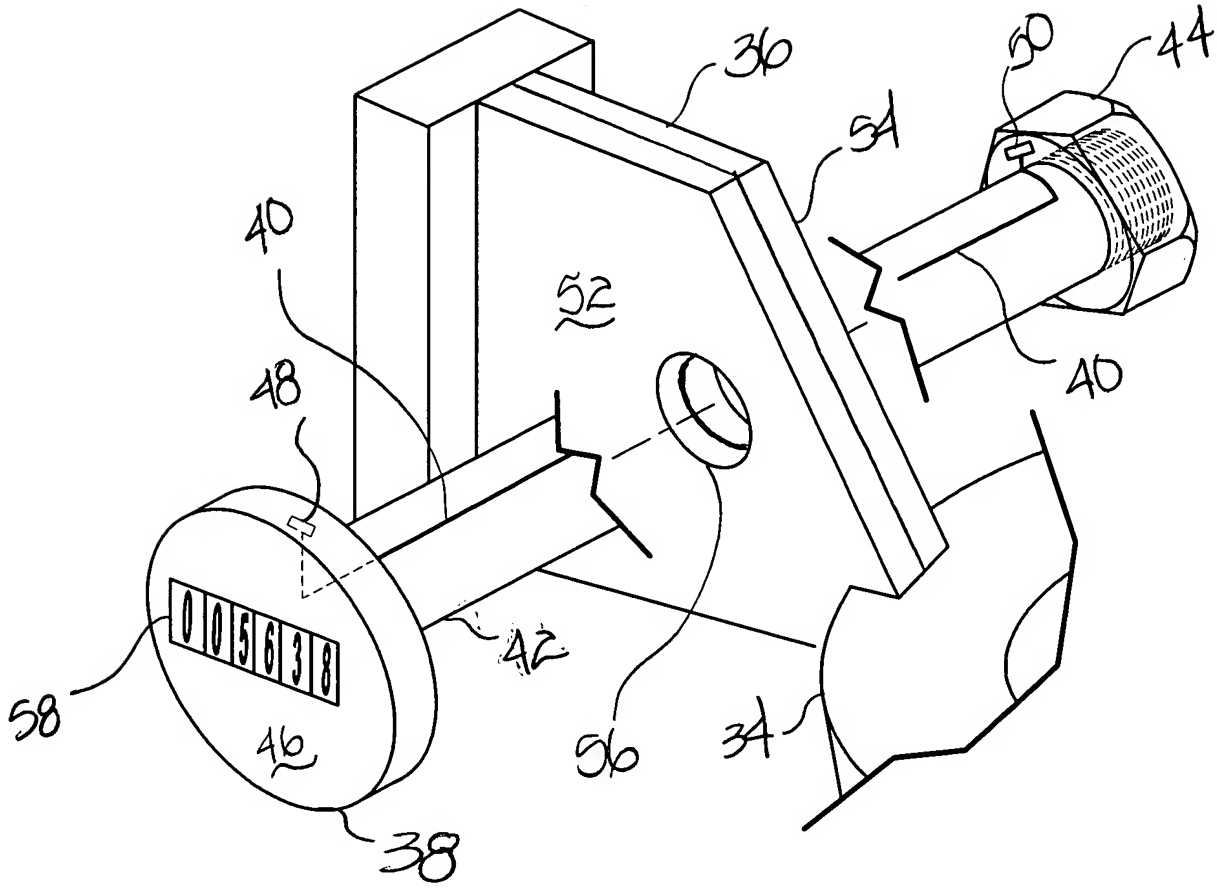

FIG - 3

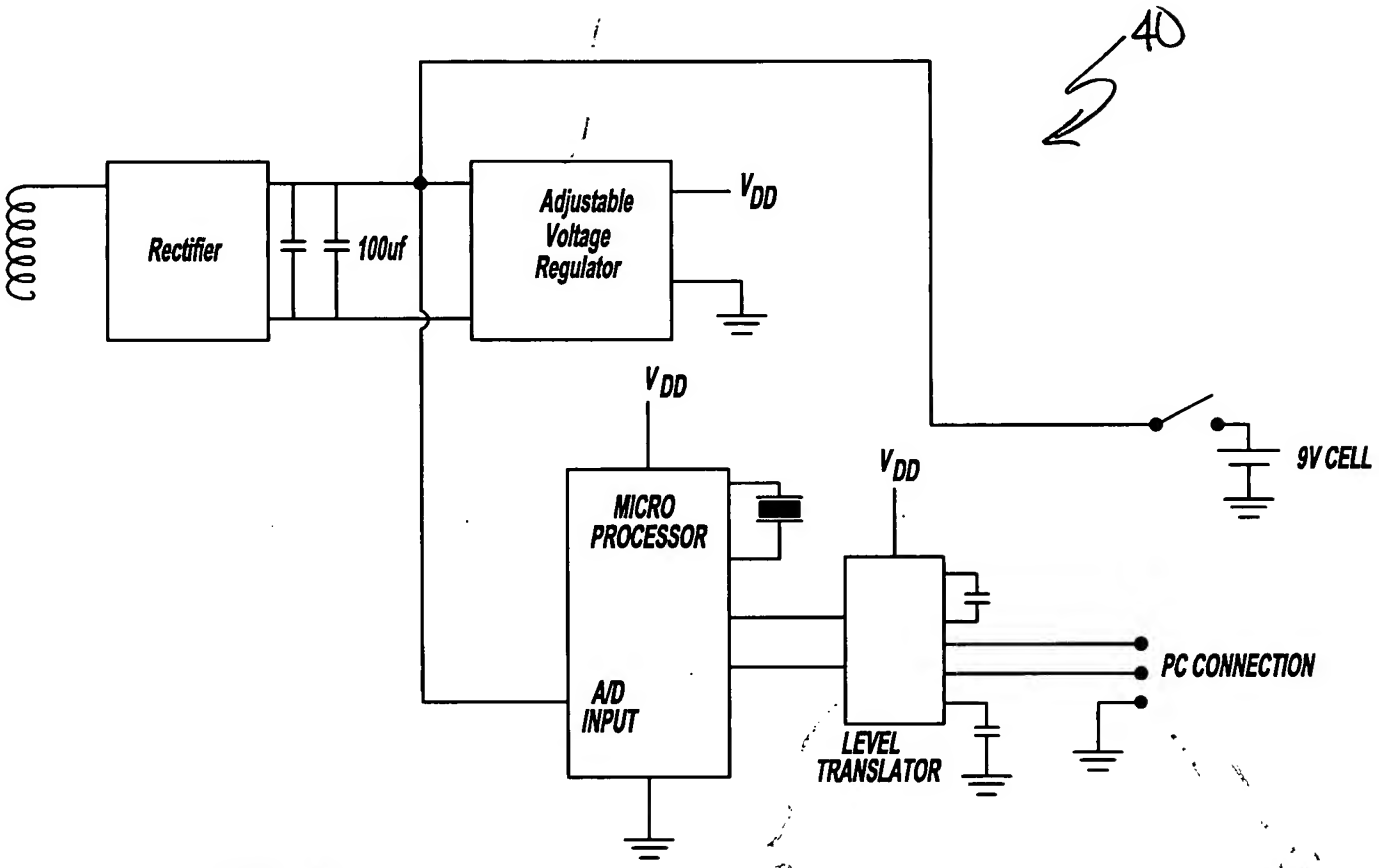
40
Rectifier
100uf
Adjustable
Voltage
Regulator
V_{DD}
V_{DD}
MICRO
PROCESSOR
A/D
INPUT
V_{DD}
9V CELL
PC CONNECTION
LEVEL
TRANSLATOR

FIG - 4